

B<sup>1</sup>  
3. (Once amended) The composition of claim 2 in which the composition comprises from about 10 percent by weight to about 80 percent by weight of water.

4. (Once amended) The composition of claim 3 in which the composition comprises from about 20 percent by weight to about 80 percent by weight of organic solvent.

Claims 1-2, and 5-9 stand as amended through Preliminary Amendment on December 4<sup>th</sup> 2001.

Please add the following new claims:

B<sup>2</sup>  
32 ~~10~~ (new). A composition for the removal of etch residues from integrated circuits using copper materials, in which the composition comprises from greater than 20% to about 50% by weight choline, water, and an organic solvent.

33 ~~11~~ (new). The composition of claim 10 in which the composition comprises from about 10 percent by weight to about 80 percent by weight of water.

34 ~~12~~ (new). The composition of claim 11 in which the composition comprises from about 20 percent by weight to about 80 percent by weight of organic solvent.

35 ~~13~~ (new). The composition of claim 10 in which the choline compound comprises choline hydroxide, choline bicarbonate or choline chloride.

36 ~~14~~ (new). The composition of claim 13 in which the choline compound comprises choline hydroxide.

37 ~~15~~ (new). The composition of claim 13 in which the organic solvent comprises propylene glycol, dimethyl sulfoxide, monoethanolamine, or diglycolamine.

38 ~~16~~ (new). The composition of claim 10 in which the composition additionally comprises hydroxylamine or hydroxylamine salt.

39 ~~17~~ (new). The composition of claim 10 in which the composition additionally comprises a corrosion inhibitor.

82  
com  
40 ~~18~~ (new). A composition for the removal of etch residues from integrated circuits using copper materials, in which the composition comprises from about 10% by weight choline to about 50% by weight choline, water, and a glycol selected from the group consisting of ethylene glycol, ethylene glycol alkyl ether, diethylene glycol alkyl ether, triethylene glycol alkyl ether, propylene glycol, and propylene glycol alkyl ether.

41 ~~19~~ (new). The composition of claim 18 where the choline comprises choline hydroxide and the glycol comprises propylene glycol.

42 ~~20~~ (new). The composition of claim 19 in which the composition comprises about 22.5% by weight choline-hydroxide, about 50% by propylene glycol, and about 27.5% by weight water.

43 ~~21~~ (new). The composition of claim 12 in which the composition additionally comprises from about 2 to about 12% by weight of hydroxylamine or hydroxylamine salt.

44 ~~22~~ (new). The composition of claim 21 in which the composition additionally comprises from about 0.5 to about 5% by weight of a corrosion inhibitor.

45 ~~23~~ (new). The composition of claim 4 in which the choline is choline hydroxide and the organic solvent is propylene glycol.

#### REMARKS

Claims 1-23 will be pending and under consideration upon entry of this amendment.

Claims 10-23 have been added to more particularly point out and distinctly claim the invention. Support for these claims is set forth in the following table:

<u>Claim</u>	<u>Example of support in the specification</u>
10	page 4, paragraph [0057] <sup>1</sup>
11	page 4, paragraph [0057]
12	page 4, paragraph [0057]
13	page 3, paragraph [0050]
14	page 3, paragraph [0050]

---

<sup>1</sup> References are made to the published application No. US 2002/0134963 A1.